

## Stimulable phosphor sheet

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### Abstract

A stimulable phosphor sheet for a radiation image recording and reproducing method comprising the steps of recording a radiation image as a latent image, irradiating the latent image with stimulating rays to release stimulated emission, and electrically processing the emission to reproduce the radiation image, has partitions that divide the phosphor sheet on its plane to give plural sections, and stimulable phosphor-incorporated areas in the sections, wherein the phosphor-incorporated areas have a light-scattering length of 20 to 100  $\mu\text{m}$  and a light-absorption length of 1,000  $\mu\text{m}$  or longer, while the partitions have a light-scattering length of 0.05 to 20  $\mu\text{m}$  and a light-absorption length of 1,000  $\mu\text{m}$  or longer, under the condition that a ratio of the light-scattering length of the phosphor-incorporated areas to that of the partitions is 3.0 or more.

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